

OIPE

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/684,361

DATE: 10/19/2000
 TIME: 11:25:48

ENTERED

Input Set : A:\465c2.app
 Output Set: N:\CRF3\10192000\I684361.raw

3 <110> APPLICANT: Gaiger, Alexander
 4 Cheever, Martin A
 8 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR WT1
 9 SPECIFIC IMMUNOTHERAPY
 11 <130> FILE REFERENCE: 210121.465C2
 C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/684,361
 14 <141> CURRENT FILING DATE: 2000-10-06
 16 <160> NUMBER OF SEQ ID NOS: 326
 18 <170> SOFTWARE: FastSEQ for Windows Version 3.0
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 17
 22 <212> TYPE: PRT
 23 <213> ORGANISM: Homo sapien
 25 <400> SEQUENCE: 1
 26 Arg Asp Leu Asn Ala Leu Leu Pro Ala Val Pro Ser Leu Gly Gly Gly
 27 1 5 10 15
 28 Gly
 31 <210> SEQ ID NO: 2
 32 <211> LENGTH: 23
 33 <212> TYPE: PRT
 34 <213> ORGANISM: Homo sapien
 36 <400> SEQUENCE: 2
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 38 1 5 10 15
 39 Tyr Leu Pro Ser Cys Leu Glu
 40 20
 42 <210> SEQ ID NO: 3
 43 <211> LENGTH: 23
 44 <212> TYPE: PRT
 45 <213> ORGANISM: Mus musculus
 47 <400> SEQUENCE: 3
 48 Pro Ser Gln Ala Ser Ser Gly Gln Ala Arg Met Phe Pro Asn Ala Pro
 49 1 5 10 15
 50 Tyr Leu Pro Ser Cys Leu Glu
 51 20
 53 <210> SEQ ID NO: 4
 56 <211> LENGTH: 19
 57 <212> TYPE: PRT
 58 <213> ORGANISM: Homo sapien
 60 <400> SEQUENCE: 4
 61 Gly Ala Thr Leu Lys Gly Val Ala Ala Gly Ser Ser Ser Ser Val Lys
 62 1 5 10 15
 63 Trp Thr Glu
 66 <210> SEQ ID NO: 5
 67 <211> LENGTH: 22
 68 <212> TYPE: DNA
 69 <213> ORGANISM: Homo sapien

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| | |
|-----------------------------------|----|
| 71 <400> SEQUENCE: 5 | |
| 72 gagagtcaga cttgaaagca gt | 22 |
| 74 <210> SEQ ID NO: 6 | |
| 75 <211> LENGTH: 20 | |
| 76 <212> TYPE: DNA | |
| 77 <213> ORGANISM: Homo sapien | |
| 79 <400> SEQUENCE: 6 | |
| 80 ctgagcctca gcaaattgggc | 20 |
| 82 <210> SEQ ID NO: 7 | |
| 83 <211> LENGTH: 27 | |
| 84 <212> TYPE: DNA | |
| 85 <213> ORGANISM: Homo sapien | |
| 87 <400> SEQUENCE: 7 | |
| 88 gagcatgcat gggctccgac gtgcggg | 27 |
| 90 <210> SEQ ID NO: 8 | |
| 91 <211> LENGTH: 25 | |
| 92 <212> TYPE: DNA | |
| 93 <213> ORGANISM: Homo sapien | |
| 95 <400> SEQUENCE: 8 | |
| 96 ggggtaccca ctgaacggtc cccga | 25 |
| 98 <210> SEQ ID NO: 9 | |
| 99 <211> LENGTH: 18 | |
| 100 <212> TYPE: DNA | |
| 101 <213> ORGANISM: Mus musculus | |
| 103 <400> SEQUENCE: 9 | |
| 104 tccgagccgc acctcatg | 18 |
| 106 <210> SEQ ID NO: 10 | |
| 107 <211> LENGTH: 18 | |
| 108 <212> TYPE: DNA | |
| 109 <213> ORGANISM: Mus musculus | |
| 111 <400> SEQUENCE: 10 | |
| 112 gcctgggatg ctggactg | 18 |
| 114 <210> SEQ ID NO: 11 | |
| 115 <211> LENGTH: 27 | |
| 116 <212> TYPE: DNA | |
| 117 <213> ORGANISM: Mus musculus | |
| 119 <400> SEQUENCE: 11 | |
| 120 gagcatgcga tgggttccga cgtgcgg | 27 |
| 122 <210> SEQ ID NO: 12 | |
| 123 <211> LENGTH: 29 | |
| 124 <212> TYPE: DNA | |
| 125 <213> ORGANISM: Mus musculus | |
| 127 <400> SEQUENCE: 12 | |
| 128 ggggtacctc aaagcgccac gtggagt | 29 |
| 130 <210> SEQ ID NO: 13 | |
| 131 <211> LENGTH: 17 | |
| 132 <212> TYPE: PRT | |
| 133 <213> ORGANISM: Mus musculus | |
| 135 <400> SEQUENCE: 13 | |

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136 Arg Asp Leu Asn Ala Leu Leu Pro Ala Val Ser Ser Leu Gly Gly Gly
137 1 5 10 15
138 Gly
141 <210> SEQ ID NO: 14
142 <211> LENGTH: 19
143 <212> TYPE: PRT
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146 <400> SEQUENCE: 14
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148 1 5 10 15
149 Trp Thr Glu
152 <210> SEQ ID NO: 15
153 <211> LENGTH: 15
154 <212> TYPE: PRT
155 <213> ORGANISM: Homo sapien
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159 1 5 10 15
161 <210> SEQ ID NO: 16
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163 <212> TYPE: PRT
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172 <212> TYPE: PRT
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177 1 5 10
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182 <213> ORGANISM: Homo sapien
184 <400> SEQUENCE: 18
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186 1 5 10
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189 <212> TYPE: PRT
190 <213> ORGANISM: Homo sapien
192 <400> SEQUENCE: 19
193 Cys Gln Lys Lys Phe Ala Arg Ser Asp Glu Leu Val Arg His His
194 1 5 10 15
196 <210> SEQ ID NO: 20
197 <211> LENGTH: 15
198 <212> TYPE: PRT

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Input Set : A:\465c2.app
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199 <213> ORGANISM: Mus musculus
201 <400> SEQUENCE: 20
202   Cys Gln Lys Lys Phe Ala Arg Ser Asp Glu Leu Val Arg His His
203     1           5           10          15
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206 <211> LENGTH: 21
207 <212> TYPE: DNA
208 <213> ORGANISM: Mus musculus
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211   cccaggctgc aataagagat a                               21
213 <210> SEQ ID NO: 22
214 <211> LENGTH: 21
215 <212> TYPE: DNA
216 <213> ORGANISM: Mus musculus
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221 <210> SEQ ID NO: 23
222 <211> LENGTH: 20
223 <212> TYPE: DNA
224 <213> ORGANISM: Homo sapien
226 <400> SEQUENCE: 23
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230 <211> LENGTH: 24
231 <212> TYPE: DNA
232 <213> ORGANISM: Homo sapien
234 <400> SEQUENCE: 24
235   gtccttaatg ctacgcacga tttc                          24
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238 <211> LENGTH: 21
239 <212> TYPE: DNA
240 <213> ORGANISM: Homo sapien
242 <400> SEQUENCE: 25
243   ggcacatctgag accagtgaga a                               21
245 <210> SEQ ID NO: 26
246 <211> LENGTH: 21
247 <212> TYPE: DNA
248 <213> ORGANISM: Homo sapien
250 <400> SEQUENCE: 26
251   gctgtccac ttacagatgc a                               21
253 <210> SEQ ID NO: 27
254 <211> LENGTH: 21
255 <212> TYPE: DNA
256 <213> ORGANISM: Homo sapien
258 <400> SEQUENCE: 27
259   tcaaagcgcc agctggagtt t                               21
261 <210> SEQ ID NO: 28
262 <211> LENGTH: 9
263 <212> TYPE: PRT

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Input Set : A:\465c2.app
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264 <213> ORGANISM: Homo sapien
266 <400> SEQUENCE: 28
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268 1 5
270 <210> SEQ ID NO: 29
271 <211> LENGTH: 9
272 <212> TYPE: PRT
273 <213> ORGANISM: Homo sapien
275 <400> SEQUENCE: 29
276 Ala Ala Gln Phe Pro Asn His Ser Phe
277 1 5
279 <210> SEQ ID NO: 30
280 <211> LENGTH: 9
281 <212> TYPE: PRT
282 <213> ORGANISM: Homo sapien
284 <400> SEQUENCE: 30
285 Ala Glu Pro His Glu Glu Cys Leu
286 1 5
288 <210> SEQ ID NO: 31
289 <211> LENGTH: 9
290 <212> TYPE: PRT
291 <213> ORGANISM: Homo sapien
293 <400> SEQUENCE: 31
294 Ala Gly Ala Cys Arg Tyr Gly Pro Phe
295 1 5
297 <210> SEQ ID NO: 32
298 <211> LENGTH: 9
299 <212> TYPE: PRT
300 <213> ORGANISM: Homo sapien
302 <400> SEQUENCE: 32
303 Ala Gly Ser Ser Ser Ser Val Lys Trp
304 1 5
306 <210> SEQ ID NO: 33
307 <211> LENGTH: 9
308 <212> TYPE: PRT
309 <213> ORGANISM: Homo sapien
311 <400> SEQUENCE: 33
312 Ala Ile Arg Asn Gln Gly Tyr Ser Thr
313 1 5
315 <210> SEQ ID NO: 34
316 <211> LENGTH: 9
317 <212> TYPE: PRT
318 <213> ORGANISM: Homo sapien
320 <400> SEQUENCE: 34
321 Ala Leu Leu Pro Ala Val Pro Ser Leu
322 1 5
324 <210> SEQ ID NO: 35
325 <211> LENGTH: 9
326 <212> TYPE: PRT

VERIFICATION SUMMARY

DATE: 10/19/2000

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Input Set : A:\465c2.app

Output Set: N:\CRF3\10192000\I684361.raw

L:13 M:270 C: Current Application Number differs, Wrong Format

L:187 M:283 W: Missing Blank Line separator, <210> field identifier